



Community Advisory Group Meeting Floodplains Investigation Update December 11, 2012

Floodplains Investigation



- **Evaluate the extent of PCBs**
 - 40 miles of floodplains (Fort Edward to Troy)
 - Over 3,000 properties in 100-year floodplain
- **Ongoing data collection**
 - Interaction with property owner/community
 - Obtain property access
 - Extensive coordination required
- **Interim Response Actions (>10 ppm)**
 - Residential and recreational use areas
 - Covers and signs
- **Ongoing “floodmud” sampling (none in 2012 – low flows)**
- **Remedial Investigation/Feasibility Study**

Floodplain

2012 Activities



- **Sampling**
 - Properties remaining from 2011
 - Data gaps
 - Backwater areas
 - Several new use areas
- **Shoreline survey** (including video)
 - Human and ecological use
- **Ongoing consideration of Use Areas**
 - Follow up on properties > 10ppm (monitoring and maintenance)
 - Monitor for use changes
- Draft **RI/FS work plan** (received May 2012)
- Initial **Floodplain Characterization Report** (received June 2012)



Floodplains Investigation Summary



- **2000-2006:** > 1,400 samples/54 properties/NOAA, GE, and EPA
- **2008:** > 2,200 samples/295 properties/EPA and GE
- **2009:** > 900 samples/110 properties/EPA and GE
- **2010:** > 200 samples/48 properties/EPA and GE
- **Fall 2011/Spring 2012:** > 2,100 samples/269 properties/GE
- **Fall 2012:** 38 of 67 targeted properties completed/currently sampling additional 14 properties/GE

2008 – 2012 Sampling Results



Data Summary To-Date

> 7,000 samples/>500 unique properties

- 80% <1 ppm (or non-detect)
 - Majority of agricultural land < 1 ppm
- 13% ranged from 1-10 ppm
- 6% samples >10 ppm
- Data used to support Conceptual Site Model
 - Highest PCB concentrations in low-lying areas (flooded more frequently)
 - PCB concentrations decrease away from the river



Completed Interim Response Actions



Conducted in human use areas
PCB concentrations (>10 ppm)

Year	Temporary Caps	Signage
2007	10	9
2009	9	7
2010	10	7
2011	7	1
2012	4	0
Total	40	24



WARNING

SOILS IN THIS AREA ARE
CONTAMINATED WITH PCBs
(POLYCHLORINATED BIPHENYLS)
AVOID CONTACTING AND/OR
DISTURBING SOILS

FOR FURTHER INFORMATION
PLEASE CONTACT THE USEPA
FIELD OFFICE AT (518) 747-4389 OR
LOG ONTO THE USEPA HUDSON
RIVER PCBs WEBSITE AT
<http://www.epa.gov/udson>



Next Steps



- EPA continues to review draft RI/FS work plan
- Ongoing data review (new and existing data)
 - Determine future sampling needs
 - Review/include 2012 shoreline survey information into data set
- Continue coordination with Federal/State agencies (NPS/NYSDEC/NYSDOH)
- Finalize RI/FS work plan



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